

1034123-000218

SEQUENCE LISTING

<110> Gallo, Richard
Murakami, Masamoto

<120> HUMAN CATHELICIDIN ANTIMICROBIAL PEPTIDES

<130> 1034123-000218

<140> Unassigned
<141> 2006-04-11

<150> US 60/512,953
<151> 2003-10-21

<150> PCT/US2004/034911
<151> 2004-10-20

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<170> PatentIn version 3.3

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Arg Asp Ala Val Leu Arg Ala Val Asp Asp Phe Asn Gln Gln Ser Leu
35 40 45

Asp Thr Asn Leu Tyr Arg Leu Leu Asp Leu Asp Pro Glu Pro Gln Gly
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Asp Glu Asp Pro Asp Thr Pro Lys Ser Val Arg Phe Arg Val Lys Glu
65 70 75 80

Thr Val Cys Gly Lys Ala Glu Arg Gln Leu Pro Glu Gln Cys Ala Phe
85 90 95

Lys Glu Gln Gly Val Val Lys Gln Cys Met Gly Ala Val Thr Leu Asn
100 105 110

Pro Ala Ala Asp Ser Phe Asp Ile Ser Cys Asn Glu Pro Gly Ala Gln
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125

115

120

Pro Phe Arg Phe Lys Lys Ile Ser Arg Leu Ala Gly Leu Leu Arg Lys
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Gly Gly Glu Lys Ile Gly Glu Lys Leu Lys Lys Ile Gly Gln Lys Ile
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Ser Ser Glu Glu Asn Leu Tyr Arg Leu Leu Gln Leu Asn Ser Gln Pro
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Lys Gly Asp Glu Asp Pro Asn Ile Pro Lys Pro Val Ser Phe Thr Val
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Lys Glu Thr Val Cys Pro Lys Thr Thr Gln Gln Pro Leu Glu Gln Cys
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Gly Phe Lys Asp Asn Gly Leu Val Lys Gln Cys Glu Gly Thr Val Ile
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Leu Asp Glu Asp Thr Gly Tyr Phe Asp Leu Asn Cys Asp Ser Ile Leu
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Gln Val Lys Lys Ile Asp Arg Leu Lys Glu Leu Ile Thr Thr Gly Ala
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Ser Tyr Arg Glu Ala Val Leu Arg Ala Val Asp Arg Leu Asn Glu Gln
 35 40 45

Ser Ser Glu Ala Asn Leu Tyr Arg Leu Leu Glu Leu Asp Gln Pro Pro
 50 55 60

Lys Ala Asp Glu Asp Pro Gly Thr Pro Lys Pro Val Ser Phe Thr Val
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Lys Glu Thr Val Cys Pro Arg Pro Thr Arg Gln Pro Pro Glu Leu Cys
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Asp Phe Lys Glu Asn Gly Arg Val Lys Gln Cys Val Gly Thr Val Thr
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Leu Asn Pro Ser Ile His Ser Leu Asp Ile Ser Cys Asn Glu Ile Gln
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Ser Val Arg Arg Arg Pro Arg Pro Pro Tyr Leu Pro Arg Pro Arg Pro
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Ser Tyr Arg Glu Ala Val Leu Arg Ala Val Gly Gln Leu Asn Glu Arg
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Ser Ser Glu Ala Asn Leu Tyr Arg Leu Leu Glu Leu Asp Pro Ala Pro
50 55 60

Asn Asp Glu Val Asp Pro Gly Thr Arg Lys Pro Val Ser Phe Thr Val
65 70 75 80

Lys Glu Thr Val Cys Pro Arg Thr Thr Gln Gln Pro Pro Glu Glu Cys
85 90 95

Asp Phe Lys Glu Asn Gly Leu Val Lys Gln Cys Val Gly Thr Val Thr
100 105 110

Leu Asp Pro Ser Asn Asp Gln Phe Asp Ile Asn Cys Asn Glu Leu Gln
115 120 125

Ser Val Arg Phe Arg Pro Pro Ile Arg Arg Pro Pro Ile Arg Pro Pro
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Ile Lys Asp Phe Leu Arg Asn Leu Val Pro
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Pro Arg Thr Glu Ser
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Val Leu Arg Ala Val Asp Asn Gln Arg Ser Ser Glu Ala Asn Leu Tyr
35 40 45

Arg Leu Leu Leu Asp Pro Pro Asp Glu Asp Pro Thr Pro Lys Pro Val
50 55 60

Ser Phe Thr Val Lys Glu Thr Val Cys Pro Arg Thr Thr Gln Gln Pro
65 70 75 80

Pro Glu Cys Asp Phe Lys Glu Asn Gly Leu Val Lys Gln Cys Gly Thr
85 90 95

Val Thr Leu Asn Pro Ser Phe Asp Ile Ser Cys Asn Glu Pro Gly Gln
100 105 110

Val Arg Arg Lys Ile Gly Arg Ile Gln Arg Ile Lys Phe Leu Pro Arg
115 120 125

Arg